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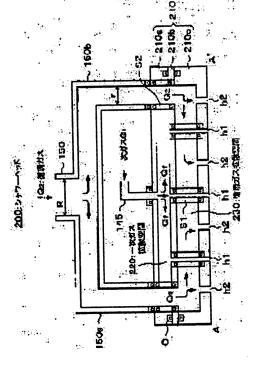
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(54) PROCESSOR

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a processor which can easily control circulation gas.

SOLUTION: The processor 100 is equipped with a shower head 200 supplying processing gas into a process chamber through plural gas supply holes, a turbo sump 120 exhausting processing gas from the process chamber 110 and a circulation gas piping 150 returning at least a part (circulation gas Q2) of exhaust gas exhausted from within the process chamber by the turbopump to the shower head. The shower head is provided with a primary gas supply system supplying primary gas Q1 supplied from a gas source 140 into the process chamber through plural primary gas jet holes h1, and a circulation gas supply system supplying circulation gas into the process chamber through plural circulation gas supply holes. The primary gas supplying system and the circulation gas supply system are constituted as independent systems. Since primary gas and circulation gas can be mixed in the process chamber for the first time, circulation gas can easily be controlled even if pressure control is not conducted.



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